

NOT FOR CONSTRUCTION

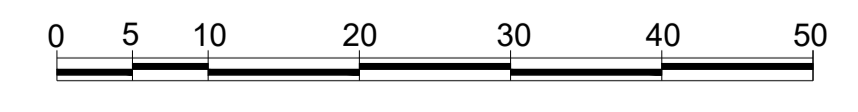
1 BLOCK CONTAINS:
 1 x MVS5000UD-LV MV STATION COMPRISING OF
 - 1 x 5000kVA 0.69kV/33kV TRANSFORMER
 - 1 x 36kV RMU
 2 x ST5015UX (5015kWh) BATTERY CONTAINERS COMPRISING OF
 - 1 x 5015kWh LFP BATTERIES
 - 12 x SC210HX (210kVA) PCS

TOTAL BLOCK:	12
INSTALLED BATTERY CAPACITY:	120.36MWh
USABLE BATTERY CAPACITY (EXCLUDING AUX.):	108.876MWh
POWER GENERATING FACILITY APPARENT POWER RATING:	60.48MVA
POWER GENERATING FACILITY REGISTERED CAPACITY:	56.82MW
POWER GENERATING FACILITY C-RATE:	0.5C
SITE RATED POWER OUTPUT @POC:	50MW

LEGEND	
	SITE BOUNDARY
	GATE SECURITY FENCE
	SECURITY DEER FENCE
	SECURITY PALISADE FENCE
	STOCK PROOF FENCE
	OVERHEAD ELECTRICAL CABLES (24m/14m OVERALL EASEMENT)
	DNO ACCESS ROUTE
	HV CABLE ROUTE - TRENCH
	DC CABLE ROUTE - TRAY(BESS)
	UTILITY EASEMENT
	HARDSTANDING TURNING AREA (20m X 20m)
	DNO SUBSTATION
	CUSTOMER SUBSTATION (BESS)
	CAR PARKING SPACES
	AUX TX
	MV CONTAINER - TITAN 2
	2HR BATTERY CONTAINER - TITAN 2
	66kV SUBSTATION & DNO CONTROLL ROOM

Installer Details
 Anesco Ltd.
 The Green,
 Easter Park,
 Berrym Road,
 Reading,
 RG7 2PQ
 Tel: 0845 894 4444

SITE INFORMATION
 Site area: 4.57acres / 1.85ha
 Grid Reference: SJ 89339 53149
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Revision	Description	Revised By	Date	Drawn By
A	Issued for comment	JH	25/11/2021	JH
B	Layout altered as per Geotech results	MS	18/01/2022	JH
C	132kV Substation moved	MS	27/01/2022	JH
D	Legend Amended	MS	19/04/2022	JH
E	Revised using Sungrow batteries	JS	12/04/2023	Scale
F	Increased gap to 10m between facing batteries	JS	21/06/2023	1:500
G	Updated to Titan 2 Batteries	RD	12/12/2023	@A1
H	Hardstanding Turning Area and AuxTx added	JH	24/05/2024	
J	Batteries rotated 90 degrees	JH	03/07/2024	

Installation Address
 Bemersley Road,
 Brown Edge,
 Staffordshire,
 Moorlands,
 ST6 8UL

Project
 BALL GREEN FARM
 Title
 SITE LAYOUT - Planning
 Drawing No.
 C0002462_02_PL

Rev. J

